

AMENDMENTS TO THE CLAIMS

any application
B / counterbalance
1. (Currently amended) A cantilevered structural support that provides a foundation for supporting a freestanding structure, the cantilevered structural support comprising a counterbalance and an elongate support member, the elongate support member having a secured portion that is attached to the counterbalance and a cantilevered portion extending outward from the counterbalance, wherein the elongate support member is configured to extend underneath and support a freestanding structure having a footprint area, wherein the counterbalance is not fixed to a separate building and further the cantilevered structural support does not include a horizontal stabilizing member at the lower end of the counterbalance extending in the same direction as the elongate support member, and wherein when one or more cantilevered structural supports are used to support the structure, the cantilevered portion of the one or more structural supports is configured to support 40% or more of the footprint area of the structure.

2. (Original) The cantilevered structural support of Claim 1, further comprising one or more anchor bolts and one or more plates attached thereto, the anchor bolts extending into the counterbalance and the plates extending across the support member to attach the support member to the counterbalance.

3. (Original) The cantilevered structural support of Claim 1, further comprising a plate secured to the counterbalance, wherein the elongate support member is secured to the plate to attach the support member to the counterbalance.

4. (Original) The cantilevered structural support of Claim 3, wherein a weld is used to secure the support member to the plate.

5. (Original) The cantilevered structural support of Claim 3, wherein the plate is embedded in the counterbalance.

6. (Original) The cantilevered structural support of Claim 3, wherein head studs embedded in the counterbalance are attached to the plate to secure the plate to the counterbalance.

7. (Original) The cantilevered structural support of Claim 1, wherein the counterbalance is formed of concrete.

8. (Original) The cantilevered structural support of Claim 1, wherein the elongate support member is a beam.

9. (Original) The cantilevered structural support of Claim 8, wherein the beam is an I-beam formed of steel.

10. (Original) The cantilevered structural support of Claim 8, wherein the beam is formed of concrete.

11. (Original) The cantilevered structural support of Claim 8, wherein the beam is formed of wood.

12. (Currently amended) A method of constructing a cantilevered structural support[[.]] that provides a foundation for supporting a freestanding structure, the method comprising:

(1) providing a counterbalance; and

(2) attaching an elongate support member to the counterbalance, the elongate support member having a secured portion that is attached to the counterbalance and a cantilevered portion extending outward from the counterbalance,

wherein the elongate support member is configured to extend underneath and support a freestanding structure having a footprint area,

wherein the counterbalance is not fixed to a separate building and further the cantilevered structural support does not includes a horizontal stabilizing member at the lower end of the counterbalance extending in the same direction as the elongate support member, and

~~wherein~~ when one or more of the cantilevered structural supports are used to support the structure, the cantilevered portion of the one or more structural supports is configured to support 40% or more of the footprint area of the structure.

13. (Original) The method of Claim 12, further comprising:

(a) securing one or more anchor bolts in the counterbalance at locations proximal to the support member;

(b) placing one or more plates across the support member; and

(c) attaching the plates to the anchor bolts, whereby the support member is attached to the counterbalance.

14. (Original) The method of Claim 12, further comprising securing a plate to the counterbalance and securing the support member to the plate, whereby the support member is attached to the counterbalance.

15. (Original) The method of Claim 14, further comprising welding the support member to the plate.

16. (Original) The method of Claim 14, further comprising embedding the plate in the counterbalance.

17. (Original) The method of Claim 14, further comprising:

(a) embedding head studs in the counterbalance; and

(b) attaching the head studs to the plate to secure the plate to the counterbalance.

18. (Currently amended) A method of supporting a freestanding structure on a foundation made of a cantilevered structural support, comprising:

(a) forming one or more cantilevered structural supports having a counterbalance and an elongate support member attached thereto, the elongate support member having a secured portion that is attached to the counterbalance and a cantilevered portion extending outward from the counterbalance, the elongate support member being further configured to extend underneath and support the freestanding structure, wherein the counterbalance is not fixed to a separate building and further the cantilevered structural supports do not include a horizontal stabilizing member at the lower end of the counterbalance extending in the same direction as the elongate support member; and

(b) constructing the freestanding structure on the one or more cantilevered structural supports wherein the cantilevered portion of the one or more structural supports is configured to support 40% or more of the footprint area of the structure.

19. (Original) The method of Claim 18, further comprising:

(a) securing one or more anchor bolts in the counterbalance of each cantilevered structural support at locations proximal to the respective support member;

(b) placing one or more plates across the respective support member; and

(c) attaching the plates to the anchor bolts, whereby the respective support member is attached to the counterbalance.

20. (Original) The method of Claim 18, further comprising securing a plate to the counterbalance of each cantilevered structural support and securing each respective support member to the plate, whereby the respective support member is attached to the counterbalance.
